

MTPRAQLLPL LLATYTVVAA AVTSDEPTKT LSPATGDATL AFVFDVTGSM WDDLMQVIDG
ASRILERSLS SRSRVIANYA LVPFHDPDIG PVTLTADPVV FQRELRQLYV QGGGDCPEMS
VGAIAKAAVEV ANPGSFIYVF SDARAKDYHK KNELLQLLQL KQSQVVFVLT GDCGDRTHPG
YLAFEEIAST SSGQVFQLDK QQVSEVLKWV ESAIQASKVH LLSADHEEEG EHTWRIPFDP
SLKEVTISLS GPGPEIEVRD PLGMSQGSPP LLMQD

FIG. 1

0965223-B2000

D E G C R Y 2 8 - D E G C R O D

TCTAGCGAACCCCTCGGGCCGCTTCTGAGACTGCACTGCCATATCCCTGCCACCTGCGCGT TAGGGCTGCAGCCTCCGGC
 AGATCGCTTGGGAAGCCGGCGATCTCGCTCTGACGTGACGGTAGATAGGGACCTGGACGCCAGGGTAATCCGACGTGGAGGCC 90

 L . R T P S A R . S E T A L P S I P A T C A S H . G C S L R
 TCAGCATGACGCCCTAGGGCGAGCTCTGCCGCTGCTCTGCCGACCTACACAGTAGTGGCGGGCGGTACATCTGATGAGCCCACGA 180
 AGTCGACTGCGGATCCCGCTGAGGACGGCACGAGGACCGCTGGATGTGATCACCGCCCCGCCAGTGTAGACTACTCGGGTGCT

 L S M T P R A O L L P L L A T Y T V V A A A V T S D E P T
 AGACGCTGTCCCCGCCACAGGAGACGCCACCCCTGCCCTCGTCTCGATGTCACCGCTCCATGTGGGACGATCTGATGAGGTGATCG 270
 TCTGCCGACAGGGGGCGGTCTCTGCCGTGGGACCGGAACAGAGACTACAGTGGCGAGGTACACCTGCTAGACTACGTCCACTAGC

 K T L S P A T G D A T L A F V F D V T G S M W D D L M O V I
 ACGGCGCTCACCGATTGGAGGCCAGTCTGACCGAGCCGAGCCGGTACGCCAACTATGCCGTGGTGCCTTCCACGCCAGACA 360
 TGCCCGGGAGTGCATAAGACCTCGCTCAGACTCGTGGCGTGGCCCACTAGCGGTGATACCGGACCGAAAGGTGCTGGTCTGT

 D G A S R I L E R S L S S R S R V I A N Y A L V P F H D P D
 TTGGCCCAGTGACCCCTACGGGGACCAGTGGTGTTCAGAGAGAGCTGAGACAACCTATGTTCAAGGGAGGTGGTACTGCCAGAAA 450
 AACCGGGTCACTGGGAGTCCCCTGGGTACCAACAAAGTCTCTCGACTCTGTTGAGATAAGTCCCTCACCACGTGGTCTTGT

 I G P V T L T A D P V V F O R E L R O L Y V O G G G D C P E
 TGAGTGTGGGGCCATCAAGGCTGCCGTGGAGGTGCCAACCCCCGGCTCTCATCTACGTCTCTCGATGCCGTGCCAAGGACTACC 540
 ACTCACACCCCCGGTAGTTCCGACGGCACCTCAACGGTGGGGCGAGGAAGTAGATGCAAGAGAGCTACGGGACTCGGTGACCGTCTGATGG

 M S V G A I K A A V E V A N P G S F I Y V F S D A R A K D Y
 ACAAGAAGAATGAGCTCTGCAGCTCTGCAGCTGAAGCAGTCGAGGTGGTCTCGTACTGGGACTCGGTGACCCGACCGTGGTCTT 630
 TGTTCTTACTCGAGGACGTCGAGGACGTCAGCTCAGCTCCACAGAACGACTGACCCCTGACGCCACTCGGTGGTCTTGT

 H K K N E L L O L L O L K O S O V V F V L T G D C G D R T H
 CTGGCTACCTGGTTTGAGGAGATGCCCTCACCAAGTCTGGCAAGTGGTCACTGGACAAGCAGCAGGTGGAGGTGTTAAACT 720
 GACCGATGGACCGAAAACCTCTAGCGGAGGTGGTCAAGACCGGTTACAAGGTCACCTGTTCTCGTCCACAGCCTCCACATTCA

 P G Y L A F E E I A S T S S G O V F O L D K O O V S E V L K
 GGGTGGAGTCCGCCATCCAGGGCTCCAAAGTTACCTGCTGTCAAGCACACCAGGAGGAGGGGAACACACATGGAGAATCCCTTTG 810
 CCCACCTCAGGGCTAGGTCCGGAGGTTCAAGTAGACGACAGTCGTCTGGTCTCTCCCTGGTGTACCTTAGGGAAAAC

 W V E S A I O A S K V H L L S A D H E E E G E H T W R I P F
 ACCCCAGTTGAAGGAAGTCACCATCTCACTGAGCGGGCCAGGGCTGAGATGCAAGTCCGGACCAACTGGTATGTCCTGGGTTCAC 900
 TGGGGTCAACTCTTCACTGGTAGAGTGACTCCCCGGTCCCCACTCTAGCTTCAAGGCCCTGGGTGACCCATACAGGGTCCAAAGTG

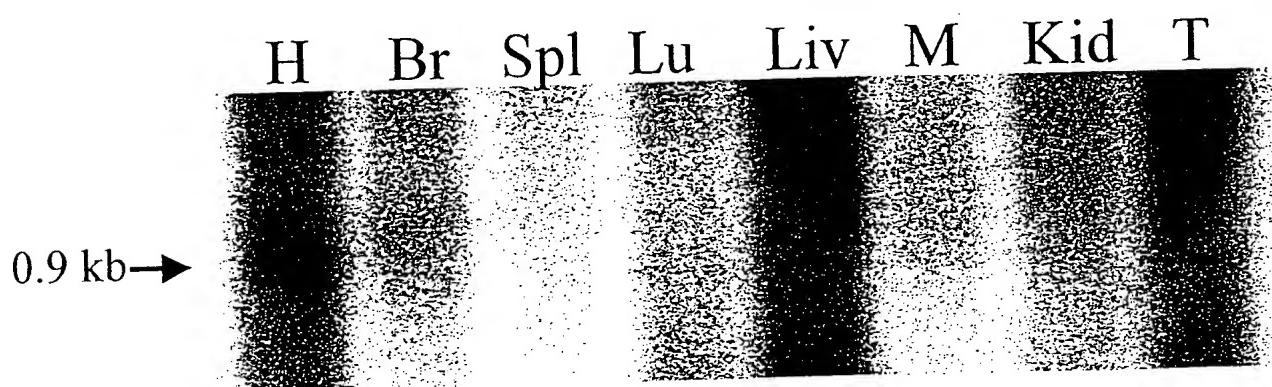
 D P S L K E V T I S L S G P G P E I E V R D P L G M S O G S
 CTCCCTCTCTGATGCAAGACTGAGCTGAAAGGCCAGGGCTGAGGCGATGGAAGGAGGGCCCTGAGGAGATGGCTCAGCCAAATAAAATGTCT 990
 GAGGAGAAGACTACGTTCTGACTCGACCTCCGGTCCGACTCCGCTACCTCCCTCCGGACTCTACCGAGTCGGTATTTACAGA

 P P L L M O D . A G R P G . G D G R R G L R R W L S O . N V
 GCCTCACACAAAAAAAGCCGGCTGAGCGGGCG
 CGGAGTGTGTTTTTTTTTCCGGCCGAGCTCGCCGGCG 1031

 C L T O K K K K P G S S G R

Fig. 2

Rat Multiple Tissue Northern Blot

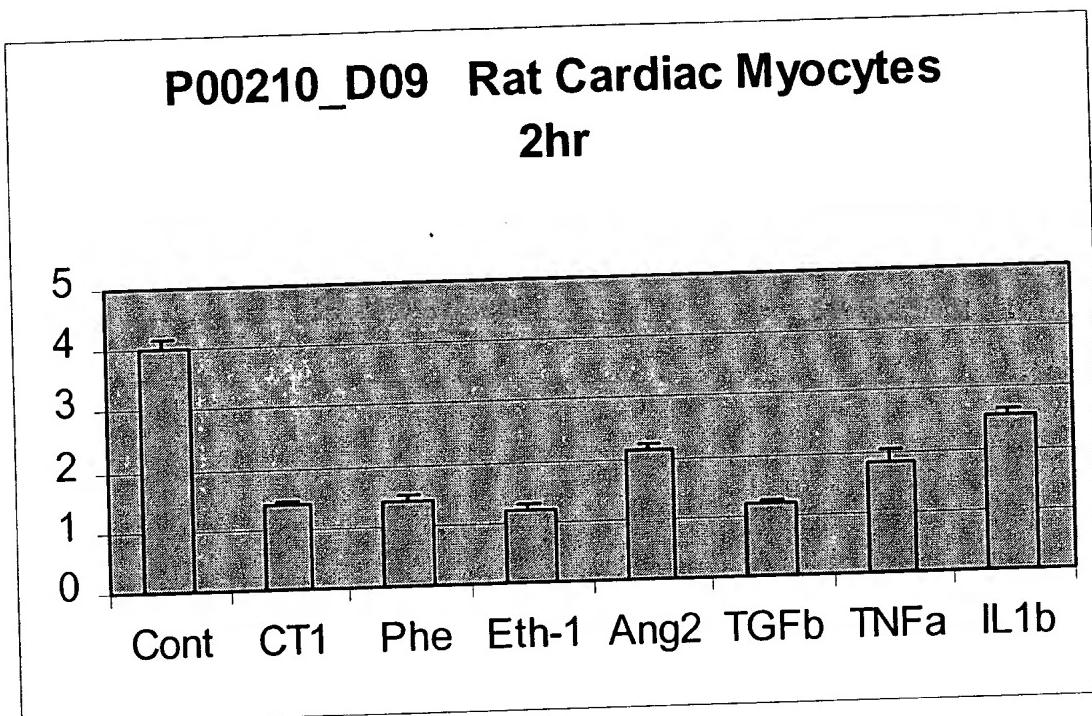


Probe: P00210_D09 rat cDNA

Fig. 3

Fig. 4

Expression of P00210_D09 in treated rat cardiac myocytes



Digitized by srujanika@gmail.com

b.

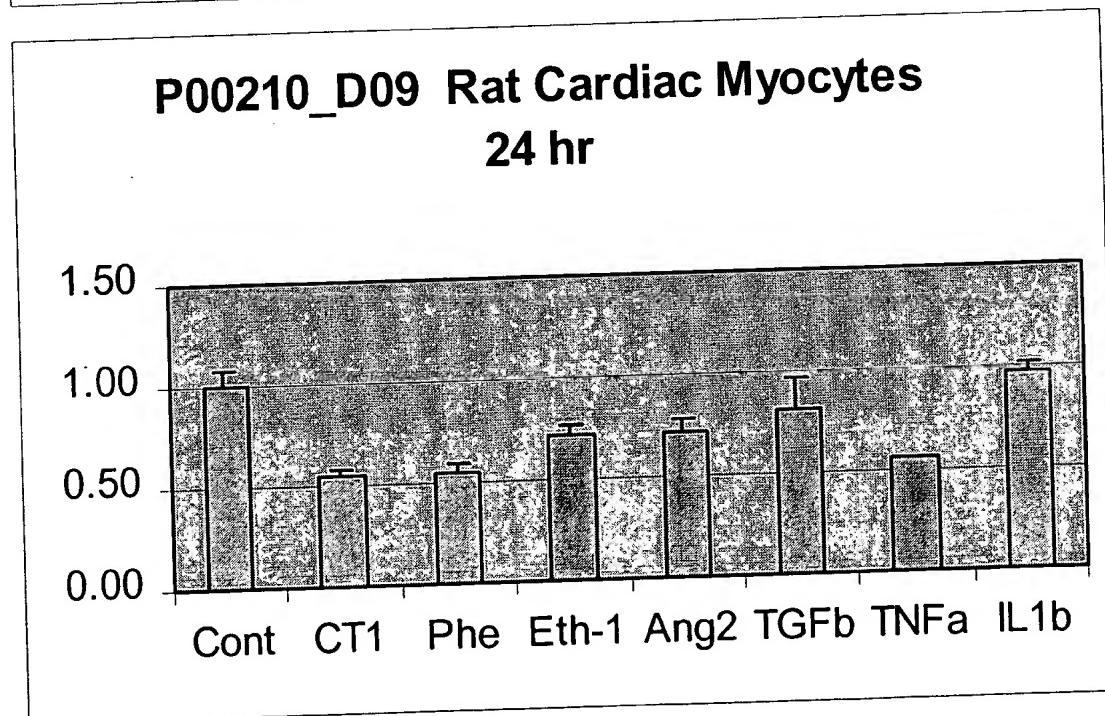


Fig. 5

Rat tissue distribution of P00210_D09 by quantitative real-time PCR

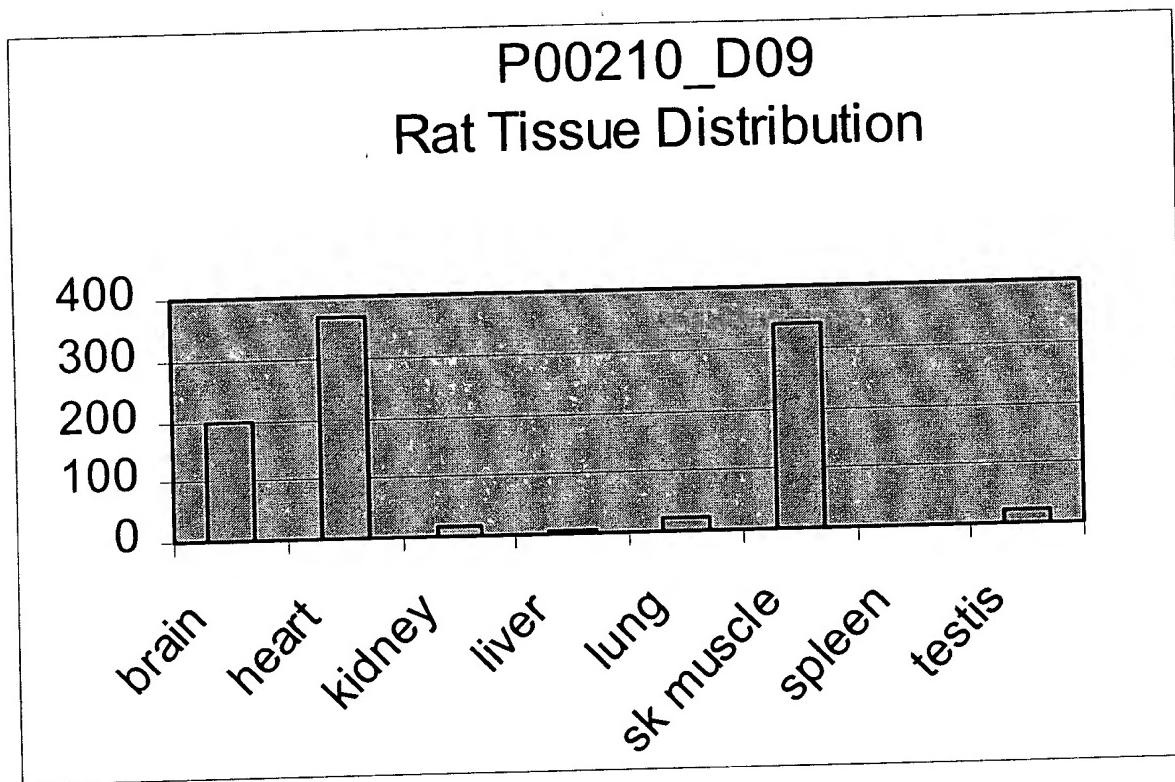
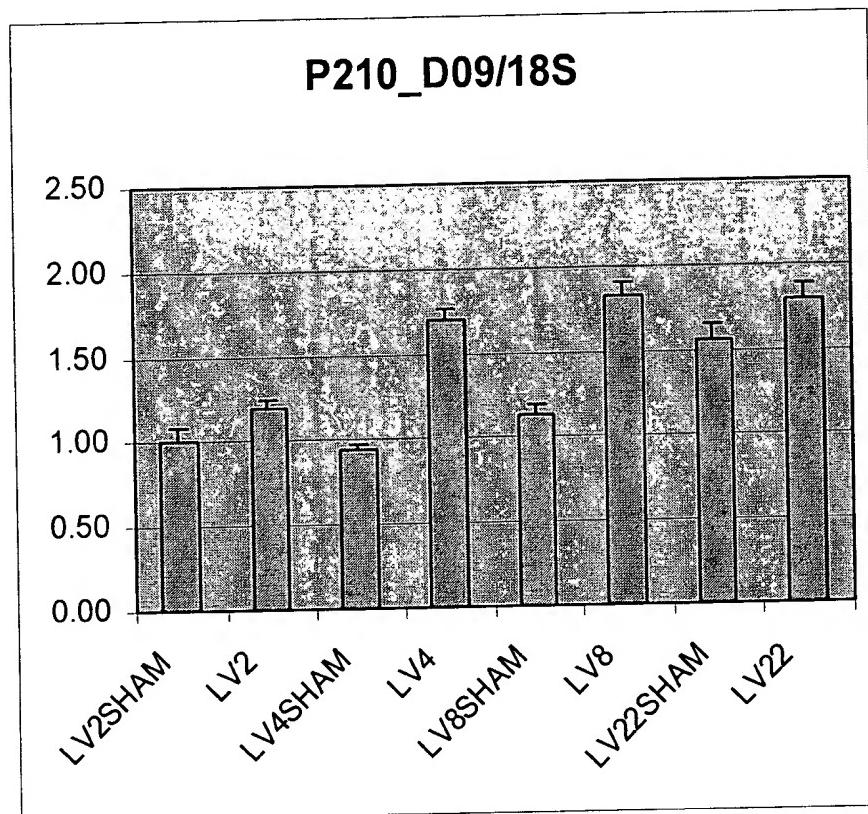


Fig. 6

Expression profile of P00210_D09 by quantitative real-time PCR in the rat myocardial infarction model

A

LV



B

Spt

